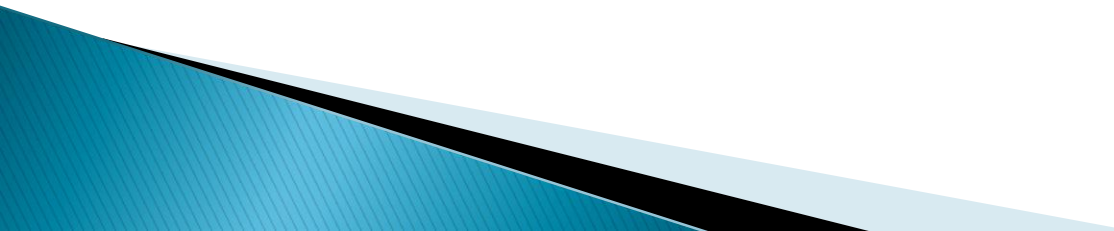


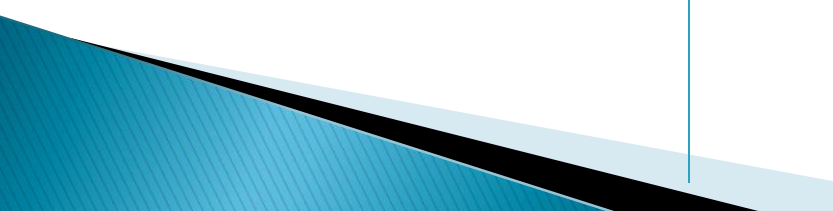
بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

# TODAY

- ▶ Quiz
  - ▶ Roots (CNS)
  - ▶ Assignment
- 

# Roots for the nervous system and spinal cord

<i><b>Root</b></i>	<i><b>Meaning</b></i>	<i><b>Example</b></i>
neur/o	nerve,nervous system	neural
gli/o	neuroglia	glioma
gangli/o,ganglion/o	ganglion	ganglionic
mening/o,meninge/o	meninges	meningitis
myel/o	spinal cord (bone marrow)	myelodysplasia
radicul/o	spinal nerve root	radicular



# Roots for the brain

<b><i>Root</i></b>	<b><i>Meaning</i></b>	<b><i>Example</i></b>
<b>encephal/o</b>	<b>brain</b>	<b>encephalopathy</b>
<b>cerebr/o</b>	<b>cerebrum (brain)</b>	<b>cerebrospinal</b>
<b>cortic/o</b>	<b>cerebral cortex, outer portion</b>	<b>cortical</b>
<b>cerebell/o</b>	<b>cerebellum</b>	<b>infracerebellar</b>
<b>thalam/o</b>	<b>thalamus</b>	<b>hypothalamus</b>
<b>ventricul/o</b>	<b>cavity, ventricle</b>	<b>ventriculotomy</b>

# Roots for the brain (cont.....)

<b><i>Root</i></b>	<b><i>Meaning</i></b>	<b><i>Example</i></b>
<b>medull/o</b>	<b>medulla oblangata also spinal cord)</b>	<b>medullary</b>
<b>psych/o</b>	<b>mind</b>	<b>psychology</b>
<b>narc/o</b>	<b>stupor, unconscious</b>	<b>narcotic</b>
<b>somn/o, somn/i</b>	<b>sleep</b>	<b>insomnia</b>

# Suffixes for the nervous system

<b><i>Suffix</i></b>	<b><i>Meaning</i></b>	<b><i>Example</i></b>
<b>Phasia</b>	<b>speech</b>	<b>aphasia</b>
<b>Lalia</b>	<b>speech, babble</b>	<b>tachylalia</b>
<b>lexia</b>	<b>reading</b>	<b>tachylexia</b>
<b>plegia</b>	<b>paralysis</b>	<b>hemiplegia</b>
<b>paresis</b>	<b>weakness</b>	<b>quadriparesis</b>
<b>lepsy</b>	<b>seizure</b>	<b>epilepsy</b>
<b>Phobia</b>	<b>persistent,irrational fear</b>	<b>photophobia</b>
<b>mania</b>	<b>excited state, obsession</b>	<b>pyromania</b>

# Suffixes pertaining to the senses

<b><i>Suffix</i></b>	<b><i>Meaning</i></b>	<b><i>Example</i></b>
<b>esthesia</b>	<b>sensation</b>	<b>anesthesia</b>
<b>algnesia</b>	<b>pain</b>	<b>analgesic</b>
<b>osmia</b>	<b>sense of smell</b>	<b>hyposmia</b>
<b>geusia</b>	<b>sense of taste</b>	<b>pseudogeusia</b>

# Assignments

- **Name the cranial nerves from 1 to 12.**
- **Explain the principal function of each nerve**
- **Provide a short summary from passage**



Thank you very much for your  
attention

